IAP12 Rec'd PCT/PTO 1 6 APR 2007

PTO-1390 (Rev. 07-2005)
Approved for use through 3/31/2007. OMB 0651-0021

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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER 212/862US

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/573, 954 CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO. PCT/SG2004/000121 INTERNATIONAL FILING DATE May 6, 2004 PRIORITY DATE CLAIMED September 29, 2003 TITLE OF INVENTION

Method for Transforming a Digital Signal From the Time Domain Into the Frequency Domain and Vice Versa APPLICANT(S) FOR DO/EO/US Haibin HUANG, Xiao LIN, Susanto RAHARDJA and Rongshan YU Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3 This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. The US has been elected (Article 31). A copy of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (required only if not communicated by the International Bureau). has been communicated by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). is attached hereto. has been previously submitted under 35 U.S.C. 154(d)(4). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) are attached hereto (required only if not communicated by the International Bureau). have been communicated by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. have not been made and will not be made. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. X An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. X An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. L A preliminary amendment. An Application Data Sheet under 37 CFR 1.76. A substitute specification. A power of attorney and/or change of address letter. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. 18 l A second copy of the published International Application under 35 U.S.C. 154(d)(4). A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/573,954	INTERNATIONAL AF PCT/SG2004		ATTORNEY'S DOCKET NUMBER 212/862US	
20. Other items or information:				· .
	Express 1	Mail EV96330	0536US	
The following fees have been submitted			CALCULATIONS	PTO USE ONLY
21. Basic national fee (37 CFR 1.492(a))		\$300	\$	
22. Examination fee (37 CFR 1.492(c))				
If the written opinion prepared by ISA/US or the intern- by IPEA/US indicates all claims satisfy provisi All other situations	\$			
23. Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority			\$	
TOTAL OF 21, 22 and 23 =			0	
Additional fee for specification and drawings filed sequence listing in compliance with 37 CFR 1 electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets	.821(c) or (e) or computer p			
	dditional 50 or fraction p to a whole number)	RATE		
- 100 = /50 =		x \$250	\$ 0	<u>'</u>
Surcharge of \$130.00 for furnishing any of the search after the date of commencement of the national stage	fee, examination fee, or the (37 CFR 1.492(h)).	oath or declaration	\$.130	
CLAIMS NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims - 20 =	·	× \$ 50	\$	
Independent claims - 3 =		× \$200	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$360	\$ 0	
		CALCULATIONS =	\$ 130	
Applicant claims small entity status. See 37 CFR	1.27. Fees above are reduc	ced by 1/2.	0	
	· · · · · · · · · · · · · · · · · · ·	SUBTOTAL =	\$ 130	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).			\$ 0	
TOTAL NATIONAL FEE =			\$ 130	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +			\$ 40	
	¹ TOTAL F	EES ENCLOSED 64/	1\$/2007 GFREY117000	00110 033700 195
		41	Amount to be 130.0	\$ \$ A
	•		Amount to be charged	\$

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а. 🔲	A check in the amount of \$ to cover the above fees is enclosed.					
b. 🔲	Please charge my Deposit Account No. $03-3700$ in the amount of \$ to cover the above A duplicate copy of this sheet is enclosed.	e fees.				
c. 🔀	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 03-3700 . A duplicate copy of this sheet is enclosed.					
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.						
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.						
SEND A	ND ALL CORRESPONDENCE TO:	7 April 16, 2007				
Cus	ustomer Number 23371 SIGNATURE Paul J. Backo	ofen, Esq.				
	NAME 42,278					
	REGISTRATION NUMBER					